

INTERNATIONAL SEARCH REPORT

Application No
'GB2004/003263

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/85 A01K67/033

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N A01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HORN C ET AL: "A transgene-based, embryo-specific lethality system for insect pest management." NATURE BIOTECHNOLOGY, vol. 21, no. 1, January 2003 (2003-01), pages 64-70, XP002301699 ISSN: 1087-0156 the whole document ----- WO 01/39599 A (ALPHEY LUKE ; THOMAS DEAN (GB); ISIS INNOVATION (GB)) 7 June 2001 (2001-06-07) the whole document ----- -/-	1-30, 33-42
X		1-30, 33-42

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search	Date of mailing of the International search report
21 October 2004	05/11/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Cupido, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	THOMAS D D ET AL: "Insect population control using a dominant, repressible, lethal genetic system" SCIENCE (WASHINGTON D C), vol. 287, no. 5462, 31 March 2000 (2000-03-31), pages 2474-2476, XP002301700 ISSN: 0036-8075 cited in the application the whole document -----	1-30, 33-42
X	WU T-Y ET AL: "Expression of highly controllable genes in insect cells using a modified tetracycline-regulated gene expression system" JOURNAL OF BIOTECHNOLOGY, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 80, no. 1, June 2000 (2000-06), pages 75-83, XP004201980 ISSN: 0168-1656 the whole document -----	1-9, 33-36, 42
X	CHEN H-H ET AL.: "The use of a modified tetracycline regulatory expression system with reduced basal level to develop an in vivo biopesticide expression system" FOOD SCIENCE AND AGRICULTURAL CHEMISTRY, vol. 2, no. 4, October 2000 (2000-10), pages 220-225, XP008037322 TAIPEI the whole document -----	1-9
A	ALPHEY L ET AL: "Dominant lethality and insect population control" MOLECULAR AND BIOCHEMICAL PARASITOLOGY, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 121, no. 2, May 2002 (2002-05), pages 173-178, XP002297190 ISSN: 0166-6851 cited in the application page 175 - page 177 -----	10-30

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 0139599	A	07-06-2001	GB 2355459 A	25-04-2001
			AU 1716501 A	12-06-2001
			CA 2392111 A1	07-06-2001
			CN 1433475 T	30-07-2003
			EP 1246927 A2	09-10-2002
			WO 0139599 A2	07-06-2001
			NZ 519175 A	27-02-2004
			SK 7352002 A3	06-11-2002
			US 2003213005 A1	13-11-2003
			ZA 200204167 A	25-08-2003

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